

IN THE CLAIMS

Please amend the claims as indicated below.

1. (Currently Amended) A multicomponent system, ~~at least~~ comprising

(I) at least one component comprising

(A) at least one oligomer, ~~and/or~~ polymer, or combination thereof, comprising~~containing~~ on average at least two allophanate groups, carbamate groups or at least one carbamate group and at least one allophanate group,

(B) at least one oligomer, ~~and/or~~ polymer, or combination thereof, comprising~~containing~~ on average at least two isocyanate-reactive functional groups,

(C) at least one partly or fully alkylated amino resin comprising N-methylol ether groups or N-methylol and N-methylol ether groups, and

(D) at least one compound comprising~~containing~~ on average at least two groups which can be activated with actinic radiation, selected from the group consisting of pentaerythritol tetraacrylate, dipentaerythritol pentaacrylate, aliphatic urethane acrylates having six acrylate groups in the molecule, and a combination thereof;

and

(II) at least one component comprising

(E) at least one polyisocyanate,

with the proviso that

- the equivalents ratio of isocyanate groups in component (II) to isocyanate-reactive functional groups in component (I) is from 0.2:1 to 1:0.2 and

- the equivalents ratio of allophanate groups and ~~/or~~ carbamate groups in the oligomer and ~~/or~~ polymer (A) to the ~~N-methylol ether groups or the~~ N-methylol and N-methylol ether groups in the amino resin (C) is from 0.2:1 to 1:0.2.

2. (Currently Amended) The multicomponent system ~~of as claimed in~~ claim 1, wherein the equivalents ratio of crosslinking agent groups to binder groups is from 0.2:1 to 1:0.2, wherein the crosslinking agent groups comprise the ~~—— isocyanate groups, + N-methylol ether groups or the~~ N-methylol groups, and the N-methylol ether groups, ~~(crosslinking agent groups) to~~ and wherein the binder groups comprise the ~~—— isocyanate-reactive functional groups, + the~~ allophanate groups, ~~and/or the~~ carbamate groups, ~~(binder groups) is from 0.2:1 to 1:0.2.~~

3. (Currently Amended) The multicomponent system ~~as claimed in~~ claim 2, wherein the equivalents ratio of crosslinking agent groups to binder groups is from 0.25:1 to 1:0.25.

4. (Currently Amended) The multicomponent system ~~as claimed in~~ claim 1, wherein the equivalents ratio of isocyanate groups in component (II) to isocyanate-reactive functional groups in component (I) is from 0.3:1 to 1:0.3.

5. (Currently Amended) The multicomponent system ~~as claimed in~~ claim 1, wherein the equivalents ratio of allophanate groups and ~~/or~~ carbamate groups in the oligomer and ~~/or~~ polymer (A) to the ~~N-methylol ether groups or the~~ N-methylol and N-methylol ether groups in the amino resin (C) is from 0.3:1 to 1:0.3.

6. (Currently Amended) The multicomponent system ~~as claimed in~~ claim 1, wherein the oligomers and polymers (A) and (B) are selected from the group consisting of random, alternating, and block, linear, branched, and comb polyaddition resins, polycondensation resins, and addition (co)polymers of ethylenically unsaturated monomers.

7. (Currently Amended) The multicomponent system ~~as claimed in~~of claim 6, wherein the polyaddition resins and polycondensation resins are selected from the group consisting of polyesters, alkyds, polyurethanes, polylactones, polycarbonates, polyethers, epoxy resin-amine adducts, polyureas, polyamides and polyimides and mixtures thereof, and the addition (co)polymers are selected from the group consisting of (meth)acrylate (co)polymers and polyvinyl esters and mixtures thereof.

8. (Currently Amended) The multicomponent system ~~as claimed in~~of claim 1, wherein the oligomer, ~~and/or polymer, or combination thereof~~ (A) ~~comprise~~comprises a minor amount of isocyanate-reactive functional groups.

9. (Currently Amended) The multicomponent system ~~as claimed in~~of claim 1, wherein the oligomer, ~~and/or polymer, or combination thereof~~ (B) ~~comprise~~comprises a minor amount of allophanate groups, ~~and/or carbamate groups, or combination thereof~~.

10. (Currently Amended) The multicomponent system ~~as claimed in~~of claim 8 or 9, wherein the minor amount of allophanate groups is up to 30 equivalent%, based on the total allophanate groups, ~~and/or carbamate groups, and isocyanate-reactive functional groups present in each case in the oligomer and/or polymer (A) or in the oligomer and/or polymer (B).~~

11. (Currently Amended) The multicomponent system ~~as claimed in~~of claim 1, wherein the isocyanate-reactive functional groups are selected from the group consisting of hydroxyl groups, thiol groups, and primary and secondary amino groups and mixtures thereof.

12. (Currently Amended) The multicomponent system ~~as claimed in~~of claim 1, wherein the amino resin (C) is alkylated with methyl groups, ~~and/or n-butyl groups, or a combination thereof~~.

13-16. (Canceled)

17. (Currently Amended) The multicomponent system ~~as claimed in~~of claim 1, wherein the polyisocyanate (E) comprises blocked isocyanate groups in minor amounts.

18. (Currently Amended) The multicomponent system ~~as claimed in~~of claim 1, wherein the polyisocyanate (E) comprises at least one group which can be activated with actinic radiation.

19. (Currently Amended) The multicomponent system ~~as claimed in~~of claim 1, wherein component (I) ~~comprises~~contains

- from 5 to 30% by weight of (A),
- from 5 to 30% by weight of (B),
- from 1 to 10% by weight of (C), and
- from 20 to 70% by weight of (D),

based in each case on the solids of component (I).

20. (Currently Amended) The multicomponent system ~~as claimed in~~of claim 1, wherein component (II) ~~comprises~~contains, based on the solids, from 50 to 100% by weight of polyisocyanate (E).

21. (Currently Amended) The multicomponent system ~~as claimed in~~of claim 1, wherein component (I), ~~—and/or—~~component (II), or a combination thereof ~~comprise/comprises~~ at least one additive (F).

22. (Currently Amended) A mixture comprising ~~the~~a multicomponent system ~~as claimed in~~of claim 1, curable thermally and with actinic radiation.

23. (Currently Amended) The mixture ~~as claimed in~~of claim 22, wherein the mixture is prepared by mixing at least one component (I) and at least one component (II) with one another and homogenizing the resulting mixture.

24. (Currently Amended) The mixture ~~as claimed in~~of claim 23, wherein the at least one component(s) (I) is ~~(are)~~-mixed with the at least one component(s) (II) in a weight ratio of from 20:1 to 2:1.

25. (Currently Amended) A composition selected from the group consisting of moldings, films, coating materials, adhesives, and sealants comprising ~~a~~the mixture as ~~claimed in~~of claim 22.

26. (Currently Amended) ~~A~~The composition ~~as claimed in~~of claim 25, wherein the moldings, films, coating materials, adhesives and sealants ~~films or seals~~ comprise ~~the~~-wrapping, packaging, coating, impregnation, adhesive bonding or sealing of ~~means of transport, including~~ aircraft, boats, rail vehicles, vehicles driven by muscle power, ~~and~~-motor vehicles, ~~and~~-parts thereof, the interior ~~and or~~ exterior of buildings ~~and or~~ parts thereof, furniture, doors, windows, ~~and also, in the context of industrial coating,~~ hollow glassware, coils, containers, ~~and~~-packaging, mechanical components, optical components, ~~and~~-electrical components, ~~and~~-white goods, ~~including~~-household appliances, boilers, ~~and or~~-radiators.

27. (New) A multicomponent system, comprising:

(I) at least one component comprising

(A) at least one (meth)acrylate copolymer comprising on average at least two allophanate groups, carbamate groups or at least one carbamate group and at least one allophanate group,

(B) at least one (meth)acrylate copolymer, different from (A), comprising on average at least two isocyanate-reactive functional groups,

(C) at least one partly or fully alkylated amino resin comprising N-methylol ether groups or N-methylol and N-methylol ether groups, and

(D) at least one compound comprising on average at least two groups which can be activated with actinic radiation, selected from the group consisting of pentaerythritol tetraacrylate, dipentaerythritol pentaacrylate,

aliphatic urethane acrylates having six acrylate groups in the molecule,
and a combination thereof;

and

(II) at least one component comprising

(E) at least one polyisocyanate,

with the proviso that the equivalents ratio of isocyanate groups in component (II) to isocyanate-reactive functional groups in component (I) is from 0.2:1 to 1:0.2, and the equivalents ratio of allophanate groups and carbamate groups in the (meth)acrylate copolymer (A) to the N-methylol and N-methylol ether groups in the amino resin (C) is from 0.2:1 to 1:0.2.

28. (New) The multicomponent system of claim 27, wherein the (meth)acrylate copolymer (A) comprises only carbamate groups or carbamate groups and hydroxyl groups, and wherein the (meth)acrylate copolymer (B) comprises only hydroxyl groups or hydroxyl groups and carboxyl groups.